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FINAL REPORT OF DIPLOMA PROJECT

PICO HYDRO GENERATOR

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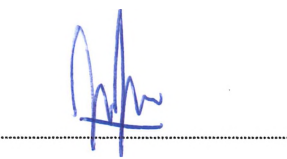
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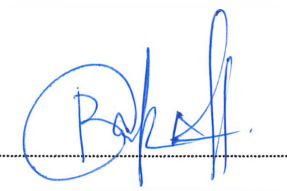
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“I declare that this report entitled “*PICO HYDRO GENERATOR*” is the result of our own group research except as cited in the references. The report has not been accepted for any degree and is not concurrently submitted in candidature of any other diploma”

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## ABSTRACT

Every year we face the same situation, around one over three (1/3) population in each country goes camping. Without we knowing camping is the one that have a high demand. Most of the people are complaints that there no electricity to use for various purposes. By considering these situation we found an idea how about too build generator that portable. So it is making easier to people goes to camping. We felt responsible to create some facilitate to other peoples. What we highlight here is to avoid people carry a big generator. Even though, this cases not much than other cases, it's still a threat to us. Pico hydro generator had used programming which is builds in PIC chip. Types of circuit that include in Pico hydro generator are voltage regulator circuit and PIC circuit. Hence, we decide to make a generator that will produce electricity. Pico hydro generator works by using water flowing from the river as the prime mover of the input to produce enough wattage to power up small electrical appliances such as fluorescent lamp.

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